

03/29/01  
J1042 U.S. PTO

03-30-01

A

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	82365
	First Inventor	BESHENAR
	Title	DATE TRANSMISSION MEMORY
	Express Mail Label No.	EL6179051888US

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total Pages (preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total 

5. Oath or Declaration [Total Pages a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☒ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner: \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_  
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Daniel M. Gurfinkel, Esq. WELSH & KATZ, LTD.				
Address	120 S. Riverside Plaza 22nd Floor				
City	Chicago	State	Illinois	Zip Code	60606
Country	US	Telephone	(312) 655-1500	Fax	(312) 655-1501

Name (Print/Type)	Daniel M. Gurfinkel;	Registration No. (Attorney/Agent)	34,177
Signature	<i>Daniel M. Gurfinkel</i>	Date	3/22/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2001</h2> <p style="font-size: small; margin-top: 10px;">Patent fees are subject to annual revision.</p>		<b>Complete if Known</b>													
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>\$746.00</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">To Be Assigned</td> </tr> <tr> <td>Filing Date</td> <td>Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>BESHENAR</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Attorney Docket No.</td> <td>82365</td> </tr> </table>	Application Number	To Be Assigned	Filing Date	Herewith	First Named Inventor	BESHENAR	Examiner Name		Group Art Unit		Attorney Docket No.	82365
Application Number	To Be Assigned														
Filing Date	Herewith														
First Named Inventor	BESHENAR														
Examiner Name															
Group Art Unit															
Attorney Docket No.	82365														

<h3 style="text-align: center; margin: 0;">METHOD OF PAYMENT</h3> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: <b>23-0920</b></p> <p>Deposit Account Name: <b>Welsh &amp; Katz, Ltd.</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR § 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <h3 style="text-align: center; margin: 0;">FEE CALCULATION</h3> <div style="border: 1px solid black; padding: 5px;"> <h4 style="margin: 0;">1. BASIC FILING FEE</h4> <table style="width: 100%; font-size: small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>710</td> <td>201</td> <td>355</td> <td>Utility filing fee</td> <td style="text-align: right;">710.00</td> </tr> <tr> <td>106</td> <td>320</td> <td>206</td> <td>160</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>490</td> <td>207</td> <td>245</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>710</td> <td>208</td> <td>355</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td style="text-align: right;"><b>\$710.00</b></td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 5px;"> <h4 style="margin: 0;">2. EXTRA CLAIM FEES</h4> <table style="width: 100%; font-size: small;"> <thead> <tr> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from below</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Total Claims</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>22</td> <td>-20** = 2</td> <td>18.00</td> <td>36.00</td> </tr> <tr> <td>Independent Claims</td> <td>2 - 3** = 0</td> <td></td> <td>0.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table style="width: 100%; font-size: small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>80</td> <td>202</td> <td>40</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>80</td> <td>209</td> <td>40</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td style="text-align: right;"><b>\$36.00</b></td> </tr> </tbody> </table> </div> </div>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	710	201	355	Utility filing fee	710.00	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>\$710.00</b>	Extra Claims		Fee from below		Fee Paid	Total Claims				22	-20** = 2	18.00	36.00	Independent Claims	2 - 3** = 0		0.00	Multiple Dependent				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim, if not paid		109	80	209	40	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>\$36.00</b>	<h3 style="text-align: center; margin: 0;">FEE CALCULATION (continued)</h3> <h4 style="margin: 0;">3. ADDITIONAL FEES</h4> <table style="width: 100%; font-size: small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non - English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Processing fee under 37 CFR § 1.17(q)</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td></td> </tr> </tbody> </table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non - English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR § 1.17(q)		126	180	126	180	Submission of Information Disclosure Statement		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						<b>SUBTOTAL (3)</b>					
Large Entity		Small Entity		Fee Description			Fee Paid																																																																																																																																																																																																																																																																																																									
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																													
101	710	201	355	Utility filing fee	710.00																																																																																																																																																																																																																																																																																																											
106	320	206	160	Design filing fee																																																																																																																																																																																																																																																																																																												
107	490	207	245	Plant filing fee																																																																																																																																																																																																																																																																																																												
108	710	208	355	Reissue filing fee																																																																																																																																																																																																																																																																																																												
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																																																												
<b>SUBTOTAL (1)</b>					<b>\$710.00</b>																																																																																																																																																																																																																																																																																																											
Extra Claims		Fee from below		Fee Paid																																																																																																																																																																																																																																																																																																												
Total Claims																																																																																																																																																																																																																																																																																																																
22	-20** = 2	18.00	36.00																																																																																																																																																																																																																																																																																																													
Independent Claims	2 - 3** = 0		0.00																																																																																																																																																																																																																																																																																																													
Multiple Dependent																																																																																																																																																																																																																																																																																																																
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																											
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																													
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																												
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																												
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																																																												
109	80	209	40	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																												
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																												
<b>SUBTOTAL (2)</b>					<b>\$36.00</b>																																																																																																																																																																																																																																																																																																											
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																											
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																													
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																																												
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																																												
139	130	139	130	Non - English specification																																																																																																																																																																																																																																																																																																												
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																																																																																																												
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																																												
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																																												
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																																																												
116	390	216	195	Extension for reply within second month																																																																																																																																																																																																																																																																																																												
117	890	217	445	Extension for reply within third month																																																																																																																																																																																																																																																																																																												
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																																																																																																																																																																												
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																																																																																																																																																																												
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																																																																												
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																												
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																																																																												
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																												
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																																												
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																																																																																																																																																																												
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																												
143	440	243	220	Design issue fee																																																																																																																																																																																																																																																																																																												
144	600	244	300	Plant issue fee																																																																																																																																																																																																																																																																																																												
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																												
123	50	123	50	Processing fee under 37 CFR § 1.17(q)																																																																																																																																																																																																																																																																																																												
126	180	126	180	Submission of Information Disclosure Statement																																																																																																																																																																																																																																																																																																												
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																												
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																																																												
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																																																												
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																												
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																												
Other fee (specify) _____																																																																																																																																																																																																																																																																																																																
<b>SUBTOTAL (3)</b>																																																																																																																																																																																																																																																																																																																

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Daniel M. Gurfinkel	Registration No. (Attorney/Agent)	34,177
Signature		Telephone	(312) 655-1500
		Date	3/23/01 (312) 655-1501